

Supplemental Response to Restriction Requirement and Preliminary Amendment

Serial No. 09/813,345

Filed: March 20, 2001

Title: PEPTIDE ANTAGONISTS OF CGRP RECEPTOR SUPERFAMILY AND METHODS OF USE

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PRELIMINARY AMENDMENT

Please insert the following new paragraph beginning at page 3, line 27 as instructed in the request filed herewith:

B1
CGRP antagonists includes peptides from CGRP including amino acids 8-37 of β -CGRP (Park et al. *Am. J. Physiol.* 1989) having the amino acid sequence: VTHRLAGLLSRSGGMVKS NFVPTNVGSKAF (SEQ ID NO:1) and peptides from α -CGRP including amino acids 8-37 and having the amino acid sequence VTHRLAGLLSRSGGVVKNNFVPTNVGSKAF (SEQ ID NO:2) β -CGRP(8-37) has been used to counteract the effects of CGRP. For example, CGRP(8-37) has been shown to reverse the hypotension and tachycardia produced by administration of LPS to rats (Huttenmeir, et al. *Am. J. Physiol.* 265:H767-H769, 1993). In addition, CGRP(8-37) has some activity against amylin (Gardiner et al. *Diabetes* 40:948-951, 1991). The affinity for CGRP(8-37) varies between tissues. For example, data indicates that the affinity of CGRP(8-37) for mesenteric artery, kidney, heart and skeletal muscle is somewhat higher than the affinity of CGRP(8-37) for adipocytes and descending colon (Poyner, D. *Trends in Pharm. Sci.* 16:424-428, 1995).

The amendment to the specification at the paragraph beginning at page 3, line 27, is supported by Figure 1 of Poyner, D. *Trends in Pharm. Sci.* 16:424-428, 1995, which is cited at page 8, line 23, and incorporated by reference at page 18, lines 1-2, of the specification.

A corrected Sequence Listing is being prepared and will be submitted upon completion.

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The Examiner is invited to contact Applicants' Representatives, at the below-listed telephone number if prosecution of this application may be assisted thereby.

Respectfully submitted for
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By

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AMM/jrp

CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper is being transmitted by facsimile in accordance with 37 CFR §1.6(d) to the Patent and Trademark Office, addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on this 2nd day of July, 2002, at 5:05pm (Central Time).

Jill R. Price